

CLAIMS

1. An apparatus for implementing a hands-free function, the apparatus comprising a mobile station and a headset, the apparatus comprising:
means for transferring an audio signal of a call between the mobile
5 station and the headset for hands-free implementation of the call, wherein the mobile station and the headset both comprise:
a short-range radio transceiver for wireless transfer of files between the mobile station and the headset, and that the headset comprises:
a memory means for storing the files.
- 10 2. An apparatus as claimed in claim 1, wherein the headset is arranged to:
receive a particular file from the mobile station with the short-range radio transceiver; and
store said file in the headset.
- 15 3. An apparatus as claimed in claim 1 or 2, wherein said files are user files.
4. An apparatus as claimed in claim 1, wherein the headset comprises as a memory means one of the following: fixed memory, a memory card slot to which a memory card is detachably connectable.
- 20 5. An apparatus as claimed in claim 1, wherein the headset comprises a speaker and a microphone.
6. An apparatus as claimed in claim 1, wherein the headset comprises a user interface and that the mobile station is arranged to control the user interface of the headset over a short-range radio connection.
- 25 7. An apparatus as claimed in claim 1, wherein the headset comprises a multimedia player.
8. An apparatus as claimed in claim 7, wherein the headset comprises two earpieces and as a multimedia player an audio player, which is arranged to play music in the earpieces.
- 30 9. An apparatus as claimed in claim 8, wherein the audio player is arranged to play music by decoding a music file, which is stored in said memory means in the headset.
10. An apparatus as claimed in claim 7, wherein the multimedia player comprises a number of functions, and that the mobile station is arranged to control said functions over a short-range radio connection.
- 35 11. An apparatus as claimed in claim 1, wherein the mobile station

is one of the following: a mobile telephone, a mobile station of a cellular network.

12. An apparatus as claimed in claim 1, wherein said short-range radio connection is a Bluetooth connection.

5 13. A headset comprising means for transferring an audio signal of a call between the headset and a particular mobile station wherein the headset comprises:

a short-range radio transceiver for wireless transfer of files between said mobile station and the headset, and

10 a memory means for storing the files.

14. A headset as claimed in claim 13, wherein the headset comprises two earpieces interconnected with a headband.

15 15. A headset as claimed in claim 14, wherein said headband comprises an electronics module comprising said memory means and short-range radio transceiver.

16. A headset as claimed in claim 15, wherein said electronics module further comprises a multimedia player.